



MAR 15 2005

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

<i>Complete if Known</i>	
Application Number	10/695,252
Filing Date	October 27, 2003
First Named Inventor	Norman C. Fawley
Art Unit	1732
Examiner Name	Not Yet Assigned
Attorney Docket Number	59910P003

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
PB		EPO365297 A2	04-28-1990	E.I. Du Pont De Nemours		
PB		DE1110962	07-13-1961	Phoenix-Rheinrohr		
PB		EP1086760 A2	03-28-2001	CRC-Evans Pipeline Intl., Inc.		
PB		GB1387343	03-19-1975	Deutsche Babcock Wilcox		
PB		EP1110640 A2	06-27-2001	CRC-Evans Pipeline Intl., Inc.		
PB		EP0185460 A2	06-25-1986	Raychem Corporation		

**Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.*

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Spokoff, Taylor & Zafman (wtr) 08/11/2003

Send To: Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete If Known	
Application Number	10/695,252
Filing Date	October 27, 2003
First Named Inventor	Norman C. Fawley
Art Unit	Unknown
Examiner Name	Not Yet Assigned
Attorney Docket Number	59910P003

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Patrick Butler/ (03/05/2007)	Date Considered	03/05/2007
--------------------	-------------------------------	-----------------	------------

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the document.

here a English language translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Salokoff, Taylor & Zafman (



Substitute for form 1449A/PTO				C mplete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/695,252
Sheet	2	of	3	Filing Date	October 27, 2003
				First Named Inventor	Norman C. Fawley
				Art Unit	Unknown
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	59910P003

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
PB		<i>NORMAN C. FAWLEY, Report of Severe Abuse Tests Conducted on Composite Reinforced Aluminum CNG (Compressed Natural Gas) Vehicle Fuel Cylinders, SAE Technical Paper Series 831068, Pages 27-38, CNG Cylinder Corporation</i>			
PB		<i>Basic Requirements for Fiber Reinforced Plastic (FRP) Type 3HW Composite Cylinders, DOT article, January 15, 1982 (original) and January 4, 1987 (revision), Pages 1-20</i>			
PB		<i>N. C. HENDERSON, S. C. FORD, F. A. SIMONEN and R. D. WINEGARDNER, Computer-Aided Stress Analysis, One-Cycle Burst Experiments, and Cyclic Fatigue Experiments on Fiberglass-Filament-Reinforced Aluminum Gas Cylinders for Use With the Swimmer Delivery Vehicle, Summary Report, March 1975, Supdiv Report No. 2-75, BATTELLE Columbus Laboratories</i>			
PB		<i>C. J. KUHLMAN, S. ROY, K. PAGALTHIVARTHI and C. H. PARR, Southwest Research Institute - U.S.A., D. S. STEPHENS, R. B. FRANCINI and T. J. KILLINSKI, Battelle - U.S.A. and V. L. HILL, Gas Research Institute - U.S.A., Repair of Damaged Gas Transmission Pipelines With Composite Material Reinforcements, Article prepared for the 1992 International Gas Research Conference, Pages 610-619</i>			
PB		<i>CRLP Axial Fracture Arrest Resistance and Criterion, Excerpt from Composite Reinforced Linerpipe (CRLP) Engineering Due Diligence Final Report by Engineering Mechanics Corporation of Columbus, October 2000, 6 pages</i>			
PB		<i>CRLP Axial Through-Wall Fracture Initiation Resistance and Criterion, Excerpt from Composite Reinforced Linerpipe (CRLP) Engineering Due Diligence Final Report by Engineering Mechanics Corporation of Columbus, April 2000, 4 pages</i>			
PB		<i>Composite Reinforced Pressure Vessels (CRPV) - SC Pressure Vessels (SC VIII), Presentation by TransCanada, May 17, 2001, Pages 9-14</i>			

Examiner Signature	/Patrick Butler/ (03/05/2007)	Date Considered	03/05/2007
--------------------	-------------------------------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/088 (08-03) as modified by Blakely, Salokoff, Taylor & Zafman (wtr) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



INTERFAC
TRADE
SUBSTITUTE FOR FORM 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 3

Complete If Known

Application Number	10/695,252
Filing Date	October 27, 2003
First Named Inventor	Norman C. Fawley
Art Unit	Unknown
Examiner Name	Not Yet Assigned
Attorney Docket Number	59910P003

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PB		CRAIG RILEY, NORMAN FAWLEY and TREVOR MACFARLANE, <i>Composite Reinforced Pressure Vessel Laminate Layer - Discussion Paper and Rationale</i> , June 27, 2001, Article, Pages 1-17	
PB		TRANSCANADA, <i>Composite Reinforced Pressure Vessels (CRPV) - Special Working Group - High Pressure Vessels</i> , July 25, 2001, Presentation by TransCanada, Pages 18-24	
PB		<i>Appendix 2 - Supporting Documentation, Responses to Comments</i> , February 22, 2002, Pages iv-xi	
PB		<i>Appendix 4 - Consequence Discussion from Composite Reinforced Pressure Vessel Risk Assessment, Responses to Comments</i> , February 22, 2002, 3 pages	
PB		<i>Appendix 5 - Simple Analysis of the Residual Stresses in a FRP/Steel Pressure Vessel Caused by Thermal Expansion, Responses to Comments</i> , February 22, 2002, 4 pages	
PB		TRANSCANADA, <i>Gas Transport Module Inland Hopper Barge - Composite Reinforced Vessel Detail</i> , Drawing, January 8, 2001, Drawing No. A1-DWG-ME-001	

Examiner Signature	/Patrick Butler/ (03/05/2007)	Date Considered	03/05/2007
--------------------	-------------------------------	-----------------	------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/088 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450